

## TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

15336

In Re Application Of: Graeme M. Clark, et al.

APR 08 2002

L/Pa/9-20-02  
#5/IDSSerial No.  
10/069,846Filing Date  
February 28, 2002Examiner  
UnassignedGroup Art Unit  
Unassigned

Title: IMPROVED SOUND PROCESSOR FOR COCHLEAR IMPLANTS

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

## 37 CFR 1.97(b)

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

## 37 CFR 1.97(c)

2.  The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
2. a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

a certification as specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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TECHNOLOGY CENTER R3700

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
 (Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
 15336

In Re Application Of: Graeme M. Clark, et al.

APR 08 2002  
 10719  
 PATENT & TRADEMARK OFFICE  
 U.S. DEPARTMENT OF COMMERCE

Serial No.  
 10/069,846

Filing Date  
 February 28, 2002

Examiner  
 Unassigned

Group Art Unit  
 Unassigned

Title: IMPROVED SOUND PROCESSOR FOR COCHLEAR IMPLANTS

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \_\_\_\_\_ is attached.
- The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP as described below. A duplicate copy of this sheet is enclosed.
  - Charge the amount of \_\_\_\_\_
  - Credit any overpayment.
  - Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No.

100  
 (Date)

Signature

Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

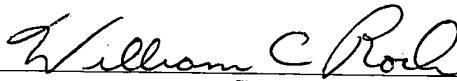
I certify that this document and fee is being deposited on 4/4/2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Michelle Mustafa

Typed or Printed Name of Person Mailing Correspondence

\*This certificate may only be used if paying by deposit account.

  
 William C. Roch  
 Signature

Dated: April 4, 2002

William C. Roch  
 Registration No. 24,972  
 SCULLY, SCOTT, MURPHY & PRESSER  
 400 Garden City Plaza  
 Garden City, New York 11530  
 (516) 742-4343

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CC:

TECHNOLOGY CENTER R3700



PATENTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Graeme M. Clark et al.      **Examiner:** Unassigned  
**Serial No.:** 10/069,846      **Art Unit:** Unassigned  
**Filed:** February 28, 2002      **Docket:** 15336  
**For:** IMPROVED SOUND PROCESSOR  
FOR COCHLEAR IMPLANTS      **Dated:** April 4, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

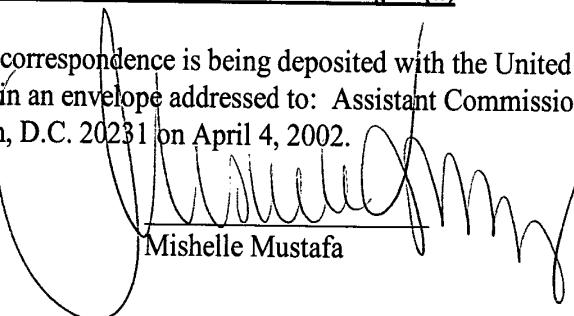
In accordance with 37 C.F.R. §1.97 and 1.98, it is requested that the six (6) references, which are listed on the attached Form PTO-1449, be made of record in the above-identified case.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 on April 4, 2002.

Dated : April 4, 2002



Mishelle Mustafa

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Applicants are submitting copies of the references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. §1.97(b), no petition, certification or fee is required.

Respectfully submitted,



William C. Roch  
Registration No. 24,972

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(516) 742-4343

WCR/sf

Enclosures PTO Form 1449 w/ 6 references

**LIST OF PRIOR ART  
CITED BY APPLICANT**

(Use several sheets if necessary)



Atty. Docket No.  
15336

Serial No.  
10/069,846

Applicant  
Graeme M. Clark, et al.

Filing Date  
February 28, 2002

Group

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA	5,271,397	12/21/1993	Seligman et al.			
	AB	5,922,016	7/13/1999	Wagner			
	AI	5,749,912	5/12/1998	Zhang et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
							Abstract	translation
		WO 91/03903	3/21/1991	PCT				

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	"Melody Recognition and Musical Interval Perception by Deaf Subjects Stimulated With Electrical Pulse Trains Through Single Cochlear Implant Electrodes", Journal of the Acoustical Society of America Volume 98, No. 2 pt 1 issued August 1995, pgs.886-895.
	"Electrode Ranking of "Place Pitch" and Speech Recognition in Electrical Hearing", Journal of the Acoustical Society of America, Volume 98, No. 4 issued 1995, pgs.1987-1999.

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EXAMINER

DATE CONSIDERED

SEP 16 2002

TECHNOLOGY CERTIFICATION

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.